University of Pretoria Yearbook 2017

BScHons Biokinetics (10243025)

Duration of study	1 year
Total credits	120
Contact	Prof PS Wood paola.wood@up.ac.za +27 (0)124206046

Programme information

The following requirements are set for completing the programme:

- Advanced instruction by means of self-tuition and four compulsory seminars of which at least one must be read to and defended before the department in question, on topics assigned to the student.
- Practical experience of the laboratory techniques used in the particular subsections of the subject.
- Attendance at the compulsory faculty module (TNM 700) Applied research methodology 700.
- Attendance at the prescribed module (MBS 700) Medical biostatistics 700.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

Admission requirements

- A candidate must hold a bachelor's degree deemed acceptable by the head of department for the proposed field of study or an equivalent qualification deemed acceptable by the Senate of the University for the proposed field of study with at least one applicable biological subject as major subject.
- Admission to the study for an honours degree is subject to the approval of the head of department: with the proviso that a candidate who has obtained an average of less than 60% in the modules of his or her major subject in the final year of the bachelor's degree study may only be admitted with the **Dean's approval** on the recommendation of the head of department. Additional requirements may be set by the head of department.
- The prerequisites for admission to the honours degree in certain fields of study are indicated in the syllabuses of the specific department.
- Also consult General Regulations.

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Examinations and pass requirements

i. The examination at the end of the programme will consist of two written papers of three hours each as well as an oral examination of 30 minutes.

ii. For the field of specialisation Medical Physics, one examination of three hours is required in each of the theoretical modules. The mark awarded to the practical work will also be taken into account when the final mark is calculated.
iii. The maximum period for completion of the honours degree, is two years in the case of full-time students and three years in the case of part-time students. In exceptional circumstances, a student may apply, in writing, to the head of department for an extension of the period of study.
iv. To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in each division as indicated, as well as a pass mark of at least 50% for the essay/work assignment (if applicable). The stipulations regarding pass requirements for dissertations in the General Regulations apply mutatis mutandis to essays.

Pass with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination (written, oral, practical, etc).

Curriculum: Final year

Minimum credits: 120

Core modules

Biokinetics clinical practice II 718 (MBK 718)

Module credits	40.00
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Academic organisation	Biokinetics and Sports Science
Period of presentation	Year

Module content

This module serves as the practical platform for students to acquire exposure to an experience in health promotion, the maintenance of physical abilities and final phase rehabilitation. This will be achieved by means of the practical application of scientifically based assessement and physical activity programme prescription for healthy and special populations. This module requires the student to meet the expected requirements stipulated by the Health Professions Council of South Africa and have accumulated 65 hours of Sport First aid.

Research III 702 (NMR 702)

Module credits	30.00
Prerequisites	None
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Academic organisation	Biokinetics and Sports Science
Period of presentation	Year

Module content

In this module the focus will be on the execution of a research proposal and writing a research manuscript on the study executed, and the presentation of the research project which includes an introduction, literature survey, methodology, results and discussion, and conclusion and recommendations.

Clinical exercise physiology 719 (MBK 719)

Module credits	25.00
Language of tuition	Module is presented in English
Academic organisation	Biokinetics and Sports Science
Period of presentation	Year

Module content

The module examines exercise physiology from a biokinetics perspective and includes the normal and pathophysiology of bio-energetics, adaptation of the body systems, environmental influences, ergogenic aids and special considerations such as aging, gender, genetics and fatigue.

(1 hour contact time per week with work assignments for the following week).

The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.